

Patent Claims

1. Vacuum cleaner (1) comprising a housing (2), in which a drawer-like pull-out (8) is mounted to be withdrawable, which has a dust chamber (7) for receiving a dust separator
5 (16) insertable into a flow path of suction air between a connecting stub pipe (4) of a suction hose (5) or a suction pipe and a suction opening (20) of a motor/fan unit (21), characterised in that the motor/fan unit (21) is fixedly arranged in the housing (2) and the dust separator (16) is removable from the flow path of suction air by withdrawal of the drawer-like pull-out (8).
- 10 2. Vacuum cleaner according to claim 1, characterised in that the connecting stub pipe (4) for the suction hose (5) or the suction pipe is fastened to the housing (2) and the dust separator (16) is connectible with the stub pipe (4) by way of the drawer-like pull-out (8).
- 15 3. Vacuum cleaner according to claim 2, characterised in that the drawer-like pull-out (8) carries a coupling member (15) which can be flowed through by suction air and by way of which in a closed position of the drawer-like pull-out (8) the dust separator (16) is connected with the connecting stub pipe (4).
- 20 4. Vacuum cleaner according to any one of the preceding claims, characterised in that the drawer-like pull-out (8) is mounted in the housing (2) to be displaceable in a plane (19) inclined relative to the horizontal.
5. Vacuum cleaner according to claim 4, characterised in that the plane (19) is inclined
25 in such a manner that displacement of the drawer-like pull-out (8) into the closed position is assisted by gravitational force.
6. Vacuum cleaner according to any one of the preceding claims, characterised in that
30 the drawer-like pull-out (8) is arranged above the motor/fan unit (21) and/or a cable winding device (21) in the housing (2) of the vacuum cleaner.

7. Vacuum cleaner according to any one of the preceding claims, characterised in that the drawer-like pull-out (8) has a front panel (9) which in the closed position of the drawer-like pull-out (8) bears in airtight manner against the housing (2).

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8. Vacuum cleaner according to any one of the preceding claims, characterised in that a detent means (26) for holding the drawer-like pull-out (8) in its closed position is provided between the drawer-like pull-out (8) and the housing (2).

10 9. Vacuum cleaner according to claim 8, characterised in that the vacuum cleaner (1) has an actuating element (25) for unlocking the detent means (27).

10. Vacuum cleaner according to claim 9, characterised in that the actuating element (25) is arranged at a grip (11) of the drawer-like pull-out (8).

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11. Vacuum cleaner according to any one of claims 8 to 10, characterised in that the vacuum cleaner (1) has a resilient biasing element (24), against the spring force of which the drawer-like pull-out (8) is kept in the closed position.

20 12. Vacuum cleaner according to any one of the preceding claims, characterised in that the drawer-like pull-out (8) is removable from the housing (2).